L Number	Hits	Search Text	DB	Time stamp
1	2215	(copper or Cu) and damascene and (low adj k)	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 13:26
2	49	((copper or Cu) and damascene and (low adj k)) and ((dry adj clean$5) or DCM)	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 13:27
3	15	(((copper or Cu) and damascene and (low adj k)) and ((dry adj clean$5) or DCM)) and (wet adj clean$5)	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 11:48
4	154	((copper or Cu) and damascene and (low adj k)) and (wet adj clean$5)	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 13:27
5	4	(((((copper or Cu) and damascene and (low adj k)) and ((dry adj clean$5) or DCM)) and (wet adj clean$5)) and (ICP or (inductively adj coupled adj plasma))	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 13:27
6	0	20030057179.URPN.	USPAT	2004/09/14 12:46
7	0	6500357.URPN.	USPAT	2004/09/14 12:47
8	0	6500357.URPN.	USPAT	2004/09/14 12:47
9	14	("4842683" | "5534108" | "5578163" | "5665203" | "5674321" | "5785875" | "5811357" | "5902704" | "5970373" | "6069091" | "6211092" | "6254689" | "6296988" | "6380096").PN.	USPAT	2004/09/14 12:47
10	22	5811357.URPN.	USPAT	2004/09/14 12:54
11	0	6500357.URPN.	USPAT	2004/09/14 12:59
12	2	6457477.URPN.	USPAT	2004/09/14 13:21
13	4	("5946589" | "6006763" | "6006764" | "6313042").PN.	USPAT	2004/09/14 13:22
14	4	6313042.URPN.	USPAT	2004/09/14 13:23
15	2483	damascene and (low adj k)	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 13:27
16	50	(damascene and (low adj k)) and ((dry adj clean$5) or DCM)	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 13:27
17	16	((damascene and (low adj k)) and ((dry adj clean$5) or DCM)) and (wet adj clean$5)	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 13:27
18	4	(((damascene and (low adj k)) and ((dry adj clean$5) or DCM)) and (wet adj clean$5)) and (ICP or (inductively adj coupled adj plasma))	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 15:00

19	1598	438/627	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 16:03
20	41	438/627 and (ICP or (inductively adj coupled adj plasma))	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 16:03
21	40	(438/627 and (ICP or (inductively adj coupled adj plasma))) not (((((copper or Cu) and damascene and (low adj k)) and ((dry adj clean$5) or DCM)) and (wet adj clean$5)) not (("4842683" | "5534108" | "5578163" | "5665203" | "5674321" | "5785875" | "5811357" | "5902704" | "5970373" | "6069091" | "6211092" | "6254689" | "6296988" | "6380096").PN.) not 5811357.URPN. not 6457477.URPN. not (("5946589" | "6006763" | "6006764" | "6313042").PN.) not 6313042.URPN.	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 16:04
22	0	6596625.URPN.	USPAT	2004/09/14 15:31
23	15	("5266521" | "5661083" | "5817579" | "5843843" | "5851917" | "6013574" | "6025255" | "6057081" | "6077768" | "6147003" | "6147007" | "6180531" | "6187689" | "6194128" | "6323121").PN.	USPAT	2004/09/14 15:31
24	30	6323121.URPN.	USPAT	2004/09/14 15:32
25	2153	438/618	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 16:12
26	47	438/618 and (ICP or (inductively adj coupled adj plasma))	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 16:13
27	39	(438/618 and (ICP or (inductively adj coupled adj plasma))) not 6323121.URPN. not (("5266521" | "5661083" | "5817579" | "5843843" | "5851917" | "6013574" | "6025255" | "6057081" | "6077768" | "6147003" | "6147007" | "6180531" | "6187689" | "6194128" | "6323121").PN.) not (438/627 and (ICP or (inductively adj coupled adj plasma))) not (((((copper or Cu) and damascene and (low adj k)) and ((dry adj clean$5) or DCM)) and (wet adj clean$5)) not (("4842683" | "5534108" | "5578163" | "5665203" | "5674321" | "5785875" | "5811357" | "5902704" | "5970373" | "6069091" | "6211092" | "6254689" | "6296988" | "6380096").PN.) not 5811357.URPN. not 6457477.URPN. not (("5946589" | "6006763" | "6006764" | "6313042").PN.) not 6313042.URPN.	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 16:13
29	570	438/620	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 16:17

30	12	438/620 and (ICP or (inductively adj coupled adj plasma))	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 16:17
31	8	(438/620 and (ICP or (inductively adj coupled adj plasma))) not (438/618 and (ICP or (inductively adj coupled adj plasma))) not 6323121.URPN. not (("5266521" | "5661083" | "5817579" | "5843843" | "5851917" | "6013574" | "6025255" | "6057081" | "6077768" | "6147003" | "6147007" | "6180531" | "6187689" | "6194128" | "6323121").PN.) not (438/627 and (ICP or (inductively adj coupled adj plasma))) not (((((copper or Cu) and damascene and (low adj k)) and ((dry adj clean$5) or DCM)) and (wet adj clean$5)) not (("4842683" | "5534108" | "5578163" | "5665203" | "5674321" | "5785875" | "5811357" | "5902704" | "5970373" | "6069091" | "6211092" | "6254689" | "6296988" | "6380096").PN.) not 5811357.URPN. not 6457477.URPN. not (("5946589" | "6006763" | "6006764" | "6313042").PN.) not 6313042.URPN.	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 16:18
32	2988	438/622	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 16:38
33	69	438/622 and (ICP or (inductively adj coupled adj plasma))	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 16:38
34	42	(438/622 and (ICP or (inductively adj coupled adj plasma))) not (438/620 and (ICP or (inductively adj coupled adj plasma))) not (438/618 and (ICP or (inductively adj coupled adj plasma))) not 6323121.URPN. not (("5266521" | "5661083" | "5817579" | "5843843" | "5851917" | "6013574" | "6025255" | "6057081" | "6077768" | "6147003" | "6147007" | "6180531" | "6187689" | "6194128" | "6323121").PN.) not (438/627 and (ICP or (inductively adj coupled adj plasma))) not (((((copper or Cu) and damascene and (low adj k)) and ((dry adj clean$5) or DCM)) and (wet adj clean$5)) not (("4842683" | "5534108" | "5578163" | "5665203" | "5674321" | "5785875" | "5811357" | "5902704" | "5970373" | "6069091" | "6211092" | "6254689" | "6296988" | "6380096").PN.) not 5811357.URPN. not 6457477.URPN. not (("5946589" | "6006763" | "6006764" | "6313042").PN.) not 6313042.URPN.	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 16:39

35	8	((438/622 and (ICP or (inductively adj coupled adj plasma))) not (438/620 and (ICP or (inductively adj coupled adj plasma))) not (438/618 and (ICP or (inductively adj coupled adj plasma))) not 6323121.URPN. not (("5266521" | "5661083" | "5817579" | "5843843" | "5851917" | "6013574" | "6025255" | "6057081" | "6077768" | "6147003" | "6147007" | "6180531" | "6187689" | "6194128" | "6323121").PN.) not (438/627 and (ICP or (inductively adj coupled adj plasma))) not ((((copper or Cu) and damascene and (low adj k)) and ((dry adj clean$5) or DCM)) and (wet adj clean$5)) not (("4842683" | "5534108" | "5578163" | "5665203" | "5674321" | "5785875" | "5811357" | "5902704" | "5970373" | "6069091" | "6211092" | "6254689" | "6296988" | "6380096").PN.) not 5811357.URPN. not 6457477.URPN. not (("5946589" | "6006763" | "6006764" | "6313042").PN.) not 6313042.URPN.) and damascene	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 16:38
36	5	6309957.URPN.	USPAT	2004/09/14 16:20
37	7	("5512514" | "5691238" | "5693568" | "5705430" | "5795823" | "5981374" | "6187663").PN.	USPAT	2004/09/14 16:21
38	1827	438/706	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:21
39	292	438/706 and damascene	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:21
40	36	(438/706 and damascene) and (ICP or (inductively adj coupled adj plasma))	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:21
41	28	((438/706 and damascene) and (ICP or (inductively adj coupled adj plasma))) not (("5512514" | "5691238" | "5693568" | "5705430" | "5795823" | "5981374" | "6187663").PN.) not 6309957.URPN. not (438/622 and (ICP or (inductively adj coupled adj plasma))) not (438/620 and (ICP or (inductively adj coupled adj plasma))) not (438/618 and (ICP or (inductively adj coupled adj plasma))) not 6323121.URPN. not (("5266521" | "5661083" | "5817579" | "5843843" | "5851917" | "6013574" | "6025255" | "6057081" | "6077768" | "6147003" | "6147007" | "6180531" | "6187689" | "6194128" | "6323121").PN.) not (438/627 and (ICP or (inductively adj coupled adj plasma))) not ((((copper or Cu) and damascene and (low adj k)) and ((dry adj clean$5) or DCM)) and (wet adj clean$5)) not (("4842683" | "5534108" | "5578163" | "5665203" | "5674321" | "5785875" | "5811357" | "5902704" | "5970373" | "6069091" | "6211092" | "6254689" | "6296988" | "6380096").PN.) not 5811357.URPN. not 6457477.URPN. not (("5946589" | "6006763" | "6006764" | "6313042").PN.) not 6313042.URPN.	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:22
42	0	6743730.URPN.	USPAT	2004/09/14 17:03

43	9	("5250165" | "5354421" | "5635021" | "5997687" | "6043164" | "6046114" | "6218084" | "6284149" | "6379574").PN.	USPAT	2004/09/14 17:03
44	332	438/707	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:22
45	34	438/707 and damascene	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:22
46	5	(438/707 and damascene) and (ICP or (inductively adj coupled adj plasma))	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:22
47	1	((438/707 and damascene) and (ICP or (inductively adj coupled adj plasma))) not (("5250165" | "5354421" | "5635021" | "5997687" | "6043164" | "6046114" | "6218084" | "6284149" | "6379574").PN.) not ((438/706 and damascene) and (ICP or (inductively adj coupled adj plasma))) not (("5512514" | "5691238" | "5693568" | "5705430" | "5795823" | "5981374" | "6187663").PN.) not 6309957.URPN. not (438/622 and (ICP or (inductively adj coupled adj plasma))) not (438/620 and (ICP or (inductively adj coupled adj plasma))) not (438/618 and (ICP or (inductively adj coupled adj plasma))) not 6323121.URPN. not (("5266521" | "5661083" | "5817579" | "5843843" | "5851917" | "6013574" | "6025255" | "6057081" | "6077768" | "6147003" | "6147007" | "6180531" | "6187689" | "6194128" | "6323121").PN.) not (438/627 and (ICP or (inductively adj coupled adj plasma))) not (((((copper or Cu) and damascene and (low adj k)) and ((dry adj clean$5) or DCM)) and (wet adj clean$5)) not (("4842683" | "5534108" | "5578163" | "5665203" | "5674321" | "5785875" | "5811357" | "5902704" | "5970373" | "6069091" | "6211092" | "6254689" | "6296988" | "6380096").PN.) not 5811357.URPN. not 6457477.URPN. not (("5946589" | "6006763" | "6006764" | "6313042").PN.) not 6313042.URPN.	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:22
48	261	438/709	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:23
49	37	438/709 and damascene	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:23
50	7	(438/709 and damascene) and (ICP or (inductively adj coupled adj plasma))	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:23

51	4	((438/709 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/707 and damascene) and (ICP or (inductively adj coupled adj plasma))) not (("5250165" | "5354421" | "5635021" | "5997687" | "6043164" | "6046114" | "6218084" | "6284149" | "6379574").PN.) not ((438/706 and damascene) and (ICP or (inductively adj coupled adj plasma))) not (("5512514" | "5691238" | "5693568" | "5705430" | "5795823" | "5981374" | "6187663").PN.) not 6309957.URPN. not (438/622 and (ICP or (inductively adj coupled adj plasma))) not (438/620 and (ICP or (inductively adj coupled adj plasma))) not (438/618 and (ICP or (inductively adj coupled adj plasma))) not 6323121.URPN. not (("5266521" | "5661083" | "5817579" | "5843843" | "5851917" | "6013574" | "6025255" | "6057081" | "6077768" | "6147003" | "6147007" | "6180531" | "6187689" | "6194128" | "6323121").PN.) not (438/627 and (ICP or (inductively adj coupled adj plasma))) not ((((copper or Cu) and damascene and (low adj k)) and ((dry adj clean$5) or DCM)) and (wet adj clean$5)) not (("4842683" | "5534108" | "5578163" | "5665203" | "5674321" | "5785875" | "5811357" | "5902704" | "5970373" | "6069091" | "6211092" | "6254689" | "6296988" | "6380096").PN.) not 5811357.URPN. not 6457477.URPN. not (("5946589" | "6006763" | "6006764" | "6313042").PN.) not 6313042.URPN.	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:23
52	1811	438/710	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:27
53	231	438/710 and damascene	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:27
54	60	(438/710 and damascene) and (ICP or (inductively adj coupled adj plasma))	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:27

| 55 | 36 | ((438/710 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/709 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/707 and damascene) and (ICP or (inductively adj coupled adj plasma))) not (("5250165" \| "5354421" \| "5635021" \| "5997687" \| "6043164" \| "6046114" \| "6218084" \| "6284149" \| "6379574").PN.) not ((438/706 and damascene) and (ICP or (inductively adj coupled adj plasma))) not (("5512514" \| "5691238" \| "5693568" \| "5705430" \| "5795823" \| "5981374" \| "6187663").PN.) not 6309957.URPN. not (438/622 and (ICP or (inductively adj coupled adj plasma))) not (438/620 and (ICP or (inductively adj coupled adj plasma))) not (438/618 and (ICP or (inductively adj coupled adj plasma))) not 6323121.URPN. not (("5266521" \| "5661083" \| "5817579" \| "5843843" \| "5851917" \| "6013574" \| "6025255" \| "6057081" \| "6077768" \| "6147003" \| "6147007" \| "6180531" \| "6187689" \| "6194128" \| "6323121").PN.) not (438/627 and (ICP or (inductively adj coupled adj plasma))) not ((((copper or Cu) and damascene and (low adj k)) and ((dry adj clean$5) or DCM)) and (wet adj clean$5)) not (("4842683" \| "5534108" \| "5578163" \| "5665203" \| "5674321" \| "5785875" \| "5811357" \| "5902704" \| "5970373" \| "6069091" \| "6211092" \| "6254689" \| "6296988" \| "6380096").PN.) not 5811357.URPN. not 6457477.URPN. not (("5946589" \| "6006763" \| "6006764" \| "6313042").PN.) not 6313042.URPN. | USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB | 2004/09/14 17:27 |
| 56 | 14 | (((438/710 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/709 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/707 and damascene) and (ICP or (inductively adj coupled adj plasma))) not (("5250165" \| "5354421" \| "5635021" \| "5997687" \| "6043164" \| "6046114" \| "6218084" \| "6284149" \| "6379574").PN.) not ((438/706 and damascene) and (ICP or (inductively adj coupled adj plasma))) not (("5512514" \| "5691238" \| "5693568" \| "5705430" \| "5795823" \| "5981374" \| "6187663").PN.) not 6309957.URPN. not (438/622 and (ICP or (inductively adj coupled adj plasma))) not (438/620 and (ICP or (inductively adj coupled adj plasma))) not (438/618 and (ICP or (inductively adj coupled adj plasma))) not 6323121.URPN. not (("5266521" \| "5661083" \| "5817579" \| "5843843" \| "5851917" \| "6013574" \| "6025255" \| "6057081" \| "6077768" \| "6147003" \| "6147007" \| "6180531" \| "6187689" \| "6194128" \| "6323121").PN.) not (438/627 and (ICP or (inductively adj coupled adj plasma))) not ((((copper or Cu) and damascene and (low adj k)) and ((dry adj clean$5) or DCM)) and (wet adj clean$5)) not (("4842683" \| "5534108" \| "5578163" \| "5665203" \| "5674321" \| "5785875" \| "5811357" \| "5902704" \| "5970373" \| "6069091" \| "6211092" \| "6254689" \| "6296988" \| "6380096").PN.) not 5811357.URPN. not 6457477.URPN. not (("5946589" \| "6006763" \| "6006764" \| "6313042").PN.) not 6313042.URPN.) and ash$4 | USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB | 2004/09/14 17:24 |

57	904	438/712	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:28
58	116	438/712 and damascene	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:28
59	21	(438/712 and damascene) and (ICP or (inductively adj coupled adj plasma))	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:28
60	3	((438/712 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/710 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/709 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/707 and damascene) and (ICP or (inductively adj coupled adj plasma))) not (("5250165" | "5354421" | "5635021" | "5997687" | "6043164" | "6046114" | "6218084" | "6284149" | "6379574").PN.) not ((438/706 and damascene) and (ICP or (inductively adj coupled adj plasma))) not (("5512514" | "5691238" | "5693568" | "5705430" | "5795823" | "5981374" | "6187663").PN.) not 6309957.URPN. not (438/622 and (ICP or (inductively adj coupled adj plasma))) not (438/620 and (ICP or (inductively adj coupled adj plasma))) not (438/618 and (ICP or (inductively adj coupled adj plasma))) not 6323121.URPN. not (("5266521" | "5661083" | "5817579" | "5843843" | "5851917" | "6013574" | "6025255" | "6057081" | "6077768" | "6147003" | "6147007" | "6180531" | "6187689" | "6194128" | "6323121").PN.) not (438/627 and (ICP or (inductively adj coupled adj plasma))) not ((((copper or Cu) and damascene and (low adj k)) and ((dry adj clean$5) or DCM)) and (wet adj clean$5)) not (("4842683" | "5534108" | "5578163" | "5665203" | "5674321" | "5785875" | "5811357" | "5902704" | "5970373" | "6069091" | "6211092" | "6254689" | "6296988" | "6380096").PN.) not 5811357.URPN. not 6457477.URPN. not (("5946589" | "6006763" | "6006764" | "6313042").PN.) not 6313042.URPN.	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:28
61	225	438/716	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:28
62	6	438/716 and damascene	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:28
63	2	(438/716 and damascene) and (ICP or (inductively adj coupled adj plasma))	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:29

64	0	((438/716 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/712 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/710 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/709 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/707 and damascene) and (ICP or (inductively adj coupled adj plasma))) not (("5250165" | "5354421" | "5635021" | "5997687" | "6043164" | "6046114" | "6218084" | "6284149" | "6379574").PN.) not ((438/706 and damascene) and (ICP or (inductively adj coupled adj plasma))) not (("5512514" | "5691238" | "5693568" | "5705430" | "5795823" | "5981374" | "6187663").PN.) not 6309957.URPN. not (438/622 and (ICP or (inductively adj coupled adj plasma))) not (438/620 and (ICP or (inductively adj coupled adj plasma))) not (438/618 and (ICP or (inductively adj coupled adj plasma))) not 6323121.URPN. not (("5266521" | "5661083" | "5817579" | "5843843" | "5851917" | "6013574" | "6025255" | "6057081" | "6077768" | "6147003" | "6147007" | "6180531" | "6187689" | "6194128" | "6323121").PN.) not (438/627 and (ICP or (inductively adj coupled adj plasma))) not ((((copper or Cu) and damascene and (low adj k)) and ((dry adj clean$5) or DCM)) and (wet adj clean$5)) not (("4842683" | "5534108" | "5578163" | "5665203" | "5674321" | "5785875" | "5811357" | "5902704" | "5970373" | "6069091" | "6211092" | "6254689" | "6296988" | "6380096").PN.) not 5811357.URPN. not 6457477.URPN. not (("5946589" | "6006763" | "6006764" | "6313042").PN.) not 6313042.URPN.	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:29
65	376	438/729	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:29
66	21	438/729 and damascene	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:29
67	15	(438/729 and damascene) and (ICP or (inductively adj coupled adj plasma))	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:29

68	3	((438/729 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/716 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/712 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/710 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/709 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/707 and damascene) and (ICP or (inductively adj coupled adj plasma))) not (("5250165" | "5354421" | "5635021" | "5997687" | "6043164" | "6046114" | "6218084" | "6284149" | "6379574").PN.) not ((438/706 and damascene) and (ICP or (inductively adj coupled adj plasma))) not (("5512514" | "5691238" | "5693568" | "5705430" | "5795823" | "5981374" | "6187663").PN.) not 6309957.URPN. not (438/622 and (ICP or (inductively adj coupled adj plasma))) not (438/620 and (ICP or (inductively adj coupled adj plasma))) not (438/618 and (ICP or (inductively adj coupled adj plasma))) not 6323121.URPN. not (("5266521" | "5661083" | "5817579" | "5843843" | "5851917" | "6013574" | "6025255" | "6057081" | "6077768" | "6147003" | "6147007" | "6180531" | "6187689" | "6194128" | "6323121").PN.) not (438/627 and (ICP or (inductively adj coupled adj plasma))) not ((((copper or Cu) and damascene and (low adj k)) and ((dry adj clean$5) or DCM)) and (wet adj clean$5)) not (("4842683" | "5534108" | "5578163" | "5665203" | "5674321" | "5785875" | "5811357" | "5902704" | "5970373" | "6069091" | "6211092" | "6254689" | "6296988" | "6380096").PN.) not 5811357.URPN. not 6457477.URPN. not (("5946589" | "6006763" | "6006764" | "6313042").PN.) not 6313042.URPN.	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:29
69	96	438/730	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:30
70	6	438/730 and damascene	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:30
71	1	(438/730 and damascene) and (ICP or (inductively adj coupled adj plasma))	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:30

72	0	((438/730 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/729 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/716 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/712 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/710 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/709 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/707 and damascene) and (ICP or (inductively adj coupled adj plasma))) not (("5250165" | "5354421" | "5635021" | "5997687" | "6043164" | "6046114" | "6218084" | "6284149" | "6379574").PN.) not ((438/706 and damascene) and (ICP or (inductively adj coupled adj plasma))) not (("5512514" | "5691238" | "5693568" | "5705430" | "5795823" | "5981374" | "6187663").PN.) not 6309957.URPN. not (438/622 and (ICP or (inductively adj coupled adj plasma))) not (438/620 and (ICP or (inductively adj coupled adj plasma))) not (438/618 and (ICP or (inductively adj coupled adj plasma))) not 6323121.URPN. not (("5266521" | "5661083" | "5817579" | "5843843" | "5851917" | "6013574" | "6025255" | "6057081" | "6077768" | "6147003" | "6147007" | "6180531" | "6187689" | "6194128" | "6323121").PN.) not (438/627 and (ICP or (inductively adj coupled adj plasma))) not ((((copper or Cu) and damascene and (low adj k)) and ((dry adj clean$5) or DCM)) and (wet adj clean$5)) not (("4842683" | "5534108" | "5578163" | "5665203" | "5674321" | "5785875" | "5811357" | "5902704" | "5970373" | "6069091" | "6211092" | "6254689" | "6296988" | "6380096").PN.) not 5811357.URPN. not 6457477.URPN. not (("5946589" | "6006763" | "6006764" | "6313042").PN.) not 6313042.URPN.	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:30
73	241	438/733	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:30
74	16	438/733 and damascene	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:30
75	2	(438/733 and damascene) and (ICP or (inductively adj coupled adj plasma))	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:30

| 76 | 0 | ((438/733 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/730 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/729 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/716 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/712 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/710 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/709 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/707 and damascene) and (ICP or (inductively adj coupled adj plasma))) not (("5250165" \| "5354421" \| "5635021" \| "5997687" \| "6043164" \| "6046114" \| "6218084" \| "6284149" \| "6379574").PN.) not ((438/706 and damascene) and (ICP or (inductively adj coupled adj plasma))) not (("5512514" \| "5691238" \| "5693568" \| "5705430" \| "5795823" \| "5981374" \| "6187663").PN.) not 6309957.URPN. not (438/622 and (ICP or (inductively adj coupled adj plasma))) not (438/620 and (ICP or (inductively adj coupled adj plasma))) not (438/618 and (ICP or (inductively adj coupled adj plasma))) not 6323121.URPN. not (("5266521" \| "5661083" \| "5817579" \| "5843843" \| "5851917" \| "6013574" \| "6025255" \| "6057081" \| "6077768" \| "6147003" \| "6147007" \| "6180531" \| "6187689" \| "6194128" \| "6323121").PN.) not (438/627 and (ICP or (inductively adj coupled adj plasma))) not ((((copper or Cu) and damascene and (low adj k)) and ((dry adj clean$5) or DCM)) and (wet adj clean$5)) not (("4842683" \| "5534108" \| "5578163" \| "5665203" \| "5674321" \| "5785875" \| "5811357" \| "5902704" \| "5970373" \| "6069091" \| "6211092" \| "6254689" \| "6296988" \| "6380096").PN.) not 5811357.URPN. not 6457477.URPN. not (("5946589" \| "6006763" \| "6006764" \| "6313042").PN.) not 6313042.URPN. | USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB | 2004/09/14 17:30 |
| 77 | 401 | DCM and ash$5 | USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB | 2004/09/14 17:33 |

78	401	(DCM and ash$5) not ((438/733 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/730 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/729 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/716 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/712 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/710 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/709 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/707 and damascene) and (ICP or (inductively adj coupled adj plasma))) not (("5250165" | "5354421" | "5635021" | "5997687" | "6043164" | "6046114" | "6218084" | "6284149" | "6379574").PN.) not ((438/706 and damascene) and (ICP or (inductively adj coupled adj plasma))) not (("5512514" | "5691238" | "5693568" | "5705430" | "5795823" | "5981374" | "6187663").PN.) not 6309957.URPN. not (438/622 and (ICP or (inductively adj coupled adj plasma))) not (438/620 and (ICP or (inductively adj coupled adj plasma))) not (438/618 and (ICP or (inductively adj coupled adj plasma))) not 6323121.URPN. not (("5266521" | "5661083" | "5817579" | "5843843" | "5851917" | "6013574" | "6025255" | "6057081" | "6077768" | "6147003" | "6147007" | "6180531" | "6187689" | "6194128" | "6323121").PN.) not (438/627 and (ICP or (inductively adj coupled adj plasma))) not ((((copper or Cu) and damascene and (low adj k)) and ((dry adj clean$5) or DCM)) and (wet adj clean$5)) not (("4842683" | "5534108" | "5578163" | "5665203" | "5674321" | "5785875" | "5811357" | "5902704" | "5970373" | "6069091" | "6211092" | "6254689" | "6296988" | "6380096").PN.) not 5811357.URPN. not 6457477.URPN. not (("5946589" | "6006763" | "6006764" | "6313042").PN.) not 6313042.URPN.	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:32
79	0	(DCM and ash$5) and damascene	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:31
80	359	(dry adj clean$4) and ash$5 and wet	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:32
81	21	((dry adj clean$4) and ash$5 and wet) and ICP	USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB	2004/09/14 17:32

| 82 | 15 | (((dry adj clean$4) and ash$5 and wet) and ICP) not (DCM and ash$5) not ((438/733 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/730 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/729 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/716 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/712 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/710 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/709 and damascene) and (ICP or (inductively adj coupled adj plasma))) not ((438/707 and damascene) and (ICP or (inductively adj coupled adj plasma))) not (("5250165" | "5354421" | "5635021" | "5997687" | "6043164" | "6046114" | "6218084" | "6284149" | "6379574").PN.) not ((438/706 and damascene) and (ICP or (inductively adj coupled adj plasma))) not (("5512514" | "5691238" | "5693568" | "5705430" | "5795823" | "5981374" | "6187663").PN.) not 6309957.URPN. not (438/622 and (ICP or (inductively adj coupled adj plasma))) not (438/620 and (ICP or (inductively adj coupled adj plasma))) not (438/618 and (ICP or (inductively adj coupled adj plasma))) not 6323121.URPN. not (("5266521" | "5661083" | "5817579" | "5843843" | "5851917" | "6013574" | "6025255" | "6057081" | "6077768" | "6147003" | "6147007" | "6180531" | "6187689" | "6194128" | "6323121").PN.) not (438/627 and (ICP or (inductively adj coupled adj plasma))) not ((((copper or Cu) and damascene and (low adj k)) and ((dry adj clean$5) or DCM)) and (wet adj clean$5)) not (("4842683" | "5534108" | "5578163" | "5665203" | "5674321" | "5785875" | "5811357" | "5902704" | "5970373" | "6069091" | "6211092" | "6254689" | "6296988" | "6380096").PN.) not 5811357.URPN. not 6457477.URPN. not (("5946589" | "6006763" | "6006764" | "6313042").PN.) not 6313042.URPN. | USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB | 2004/09/14 17:32 |
| 83 | 1 | (DCM and ash$5) and ICP | USPAT; US-PGPUB; EPO; DERWENT; IBM_TDB | 2004/09/14 17:33 |